

Converting Colors

Hex(7649B9)

Have a look what the booklet for
Hex(7649B9) contains.

Hex(7649B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7649B9)

Conversions

Conversions Part 1

Format	Color
Hex	7649B9
RGB	118, 73, 185
RGB Percent	46%, 29%, 73%
CMY	0.5373, 0.7137, 0.2745
CMYK	0.36, 0.61, 0.00, 0.27
HSL	264°, 44%, 51%
HSV	264°, 61%, 73%
XYZ	18.6107, 12.1194, 47.2573
YIQ	99.2230, -9.1320, 44.3720

Conversions

Conversions Part 2

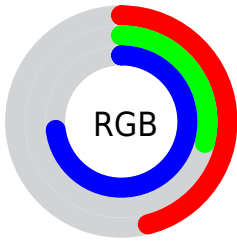
Format	Color
R_{YB}	118, 73, 185
Decimal	7752121
CIE _{Lab}	41.41, 42.91, -52.45
CIE _{LCh}	41, 67.765, 309.284
Yxy	12.1194, 0.2386, 0.1554
Android (android.graphics.Color)	4285942201 (0xFF7649B9)
YUV	99.2230, 42.2881, 16.4674
Hunter-Lab	34.8130, 34.5019, -56.1150

Details

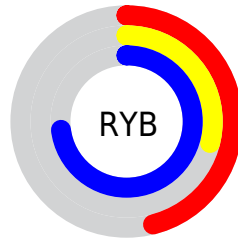
The Hex color **7649B9** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8CB949**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AE7CF2**, and **3F1883** is the 20% darker color. If you saturate the color by 10%, you get **6B36B9**, and if you desaturate by 10%, it is **815BB9**.

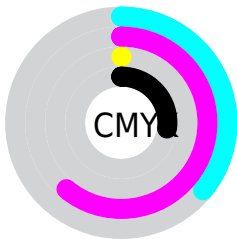
Distribution



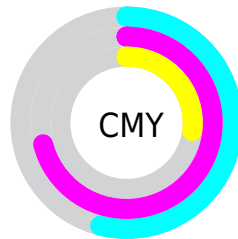
- Red (46%)
- Green (29%)
- Blue (73%)



- Red (46%)
- Yellow (29%)
- Blue (73%)



- Cyan (36%)
- Magenta (61%)
- Yellow (0%)
- Black (27%)



- Cyan (54%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7649B9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7649B9 by changing the saturation by 10% instead.

 7649B9

 7649B9

FFFFFF

 5B319E

 AE7CF2

 3F1883

 CB96FF

 210069

 E8B1FF

 000050

 FFCDFD

 000138

 FFEAFF

 000222

 000008

 000000

 7649B9

 7649B9

6B36B9

815BB9

6024B9

8C6EB9

5511B9

9781B9

4A00B9

A293B9

ADA5B9

B8B8B9

C3CBB9

CFDDB9

DAEFB9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0063D1



7649B9



AF238A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7649B9



965000



007972

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7649B9



8CB949

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007737



7649B9



686500

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7649B9



B6301D



247100



0078A8

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7649B9



BE0766



247100



00795F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7649B9



D6C5F0



498CB9



685D78



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7649B9



8741F0



AE49B9



56535C



3E009C



0B001C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B9498C



F041A9



54B949



5C5358



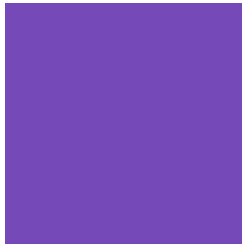
9C005D



1C0011

Previews

White Background



This preview shows how the Hex color 7649B9 looks on a white background.

Color Contrast Check

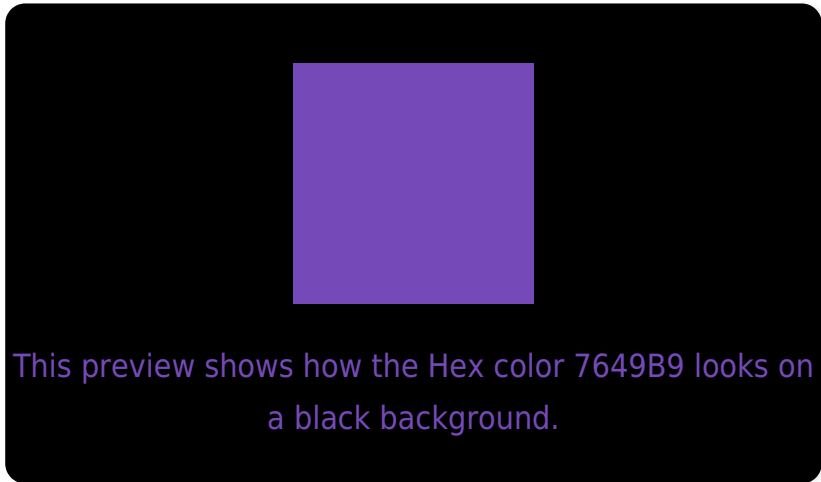
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

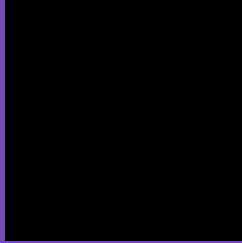
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7649B9 Background



This preview shows how black text looks on a background with the Hex color 7649B9.

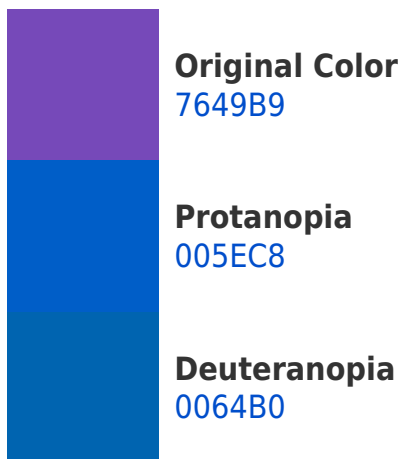



This preview shows how white text looks on a background with the Hex color 7649B9.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

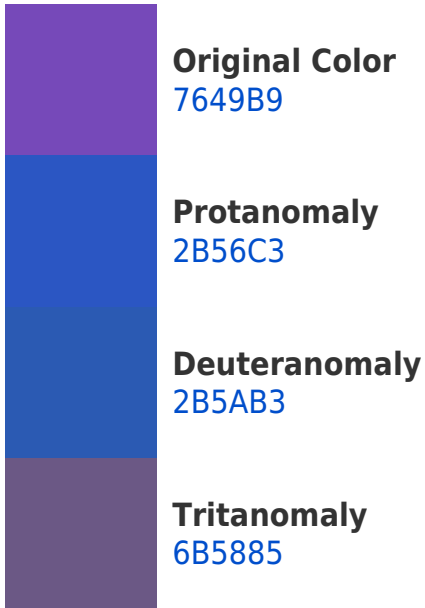
Dichromacy



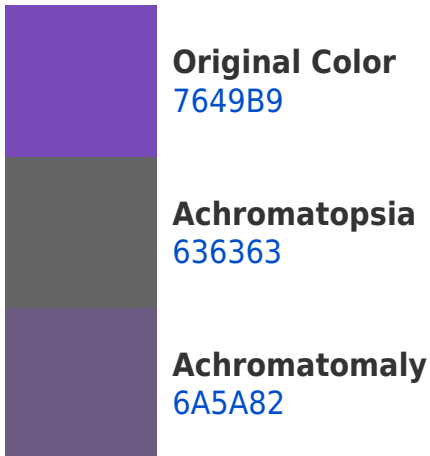


Tritanopia
656068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7649B9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7649B9 looks like.

```
.text, #text, p{  
    color:#7649B9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7649B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7649B9
}
```

Border

The CSS property to change the border of an element to Hex 7649B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7649B9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7649B9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7649B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7649B9; -webkit-box-shadow:4px 4px  
4px 4px #7649B9; box-shadow:4px 4px 4px  
4px #7649B9 }
```

Background

The CSS property to change the background color of an element to Hex 7649B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7649B9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7649B9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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